

|     |          |                     |  |    |     |                  |
|-----|----------|---------------------|--|----|-----|------------------|
| S14 | 23       | S9 near S11         | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/10 09:46 |
| S15 | 2050     | beamforming         | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:35 |
| S16 | 1926529  | weight\$            | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:35 |
| S17 | 246      | S15 with S16        | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:37 |
| S18 | 27404    | cdma                | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:36 |
| S19 | 19724537 | @ad<"20001011"      | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:37 |
| S20 | 167      | S17 and S19         | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:37 |
| S21 | 53       | S18 and S20         | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:49 |
| S22 | 180      | 375/144.ccls.       | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:50 |
| S23 | 404      | 375/148.ccls.       | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:50 |
| S24 | 482      | S22 or S23          | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:50 |
| S25 | 11       | S15 and S16 and S24 | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:50 |

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| S26 | 6       | S19 and S25         | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:52 |
| S27 | 2336    | "chip level"        | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:53 |
| S28 | 17      | S24 and S27         | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:53 |
| S29 | 10      | S19 and S28         | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:55 |
| S30 | 1992    | beamformer          | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:55 |
| S31 | 3067    | S15 or S30          | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:55 |
| S32 | 404     | S16 with S31        | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 13:55 |
| S33 | 5       | S19 and S24 and S32 | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:35 |
| S34 | 244735  | finger              | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:35 |
| S35 | 1822027 | weight              | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:35 |
| S36 | 180     | 375/144.ccls.       | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:35 |
| S37 | 404     | 375/148.ccls.       | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:35 |

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| S38 | 482    | S36 or S37           | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:35 |
| S39 | 2499   | S34 with S35         | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:35 |
| S40 | 24     | S38 and S39          | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:41 |
| S41 | 2      | doffler              | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:42 |
| S42 | 29721  | doppler              | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:42 |
| S43 | 420    | "correlation length" | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:42 |
| S44 | 21     | S42 same S43         | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 15:57 |
| S45 | 2      | "6134262".pn.        | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:18 |
| S46 | 154908 | spatial              | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:18 |
| S47 | 2050   | beamforming          | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:19 |
| S48 | 1992   | beamformer           | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:19 |
| S49 | 3067   | S47 or S48           | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:30 |

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|-----|-------|---------------|--|----|-----|------------------|
| S50 | 273   | S46 with S49  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:19 |
| S51 | 792   | 375/347.ccls. | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:20 |
| S52 | 565   | 375/349.ccls. | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:20 |
| S53 | 1255  | S51 or S52    | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:20 |
| S54 | 9     | S50 and S53   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:20 |
| S55 | 288   | S35 same S49  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:31 |
| S56 | 27404 | cdma          | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:31 |
| S57 | 78    | S55 and S56   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 16:31 |